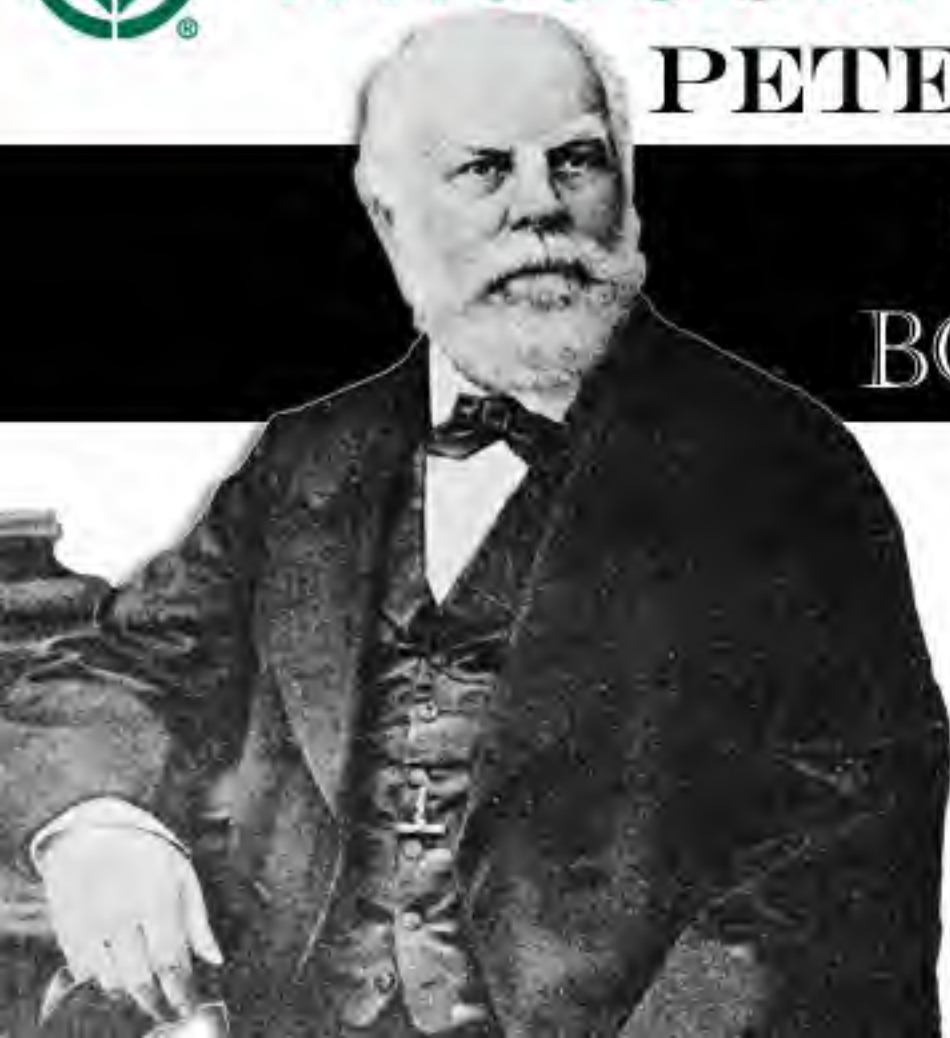


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BOTANICAL NOTEBOOKS

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Kallianthe

C. reflexa



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MISSOURI
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4990A

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN

Missouri Botanical Garden
George Engelmann
1850



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St. Louis Agricultural and Mechanical Association.



Dear Sir:

You have been nominated and
appointed a Member of an AWARDING COMMITTEE,
for the 1st day of our ANNUAL FAIR,
to commence on the 26th Sept 1857

It will afford us much pleasure to see you
on that occasion.

Please inform the undersigned whether
it will be convenient for you to attend.

Respectfully,

G. O. KALB, Secretary.



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Caso p. 518

III Monogyna

9 Calli'anche

sp 76

(Enclosed 547-562)



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Paris July 1859

#6. Mus. Paris

Hongkong,

l'Abbe' Furel

1855



This resembles the last, from Peking,
 (No 289) very much, but flowers
 almost sessile, calyx lobes shorter thicker,
 and, much bracted, anthers adnate towards
 their base, and at the base itself —
 a principal difference: very short
 ovic. stigmata. These two species
 seem to unite *Kallianthe* and *Monosynella*. It does not
 seem that the ~~distinction~~ is immediately decisive but it

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at least ~~of~~ ^{the} top of the young capsule
covers the

4991

Same plant in Hb. Benth. also from Hongkong
under the name, *C. reflexa* var. *densiflora* Benth. — *C. edulis*
scarcely ever reflexed, mostly erect.

Same in Hb. Hooker: Hongkong, Maj. Champion
n 457

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289

Paris July 1857

Cuscuta

Pekin. China
Fischer

This approaches very near
the Afghan form of Monogynell
but the stigmata indicate it
a Kellianche; texture of calyx
thin — of flower also, decurrent filaments
not visible — filaments very short, adnate
a little below the division of the corolla lobes
sculx like those of the other Kellianche
species; ovary tapering into a long style; stigma
long, subulate. — flower in habit resembles Cuscuta Lehmanniana



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Japan - var
C. coloratus Max!

Peking

(Enclosed 543-545)



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Monogyrella

Texana 96

camptoides 108

Vahlana = astyle ?

Lupuliformis

~~brachyantha~~

Caucasica !

Texana

capensis

australis

borealis

caucasica

Affghana

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fy



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1794 M. Vahlia Desm.
C. monogyra Vahl, & Aust in
C. ashylla Engelm. ex parte

Province, Rumelia
Caucasus 222

Affghanistan 217 219

Persia 223

Rumelia

Tubo cor. incluso

lacina breviter ovatis retundatis

antheris saeviformi ovatis

style ovario multo brevioribus

stigma ^{capitata} bilobis

Caps 2-3 l' 2-4 sem



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Cuscuta colorans Maxim

Primul. Flor.

Amur in nota ad *C. systylan*

C. (Monostylis) caule funiculari floribus breviter
sub paniculatis pedunculatis, calycis segmentis
depresso-rotundatis, corolla calycem triplo
superante 5 dentata, dentibus erectis rotundato-
ovalibus obtusis; antheris inter lobos corollae
margini insertis sessilibus oblongis,
stylis ovalitis, stigmatibus in clavum ovalem
connatis, ovario ramoso (materiam luteam
colorante repleto)

Verisimiliter *C. monogyna* Choisy quoad
plantam mongol. chin. Specim. *C. monogynae*
Brunze e China in hb. Acad. Petrop. servatum pessimum
H. subnullis. Affinis *C. systylae* Maxim q. *C. monogyna*
Wahl



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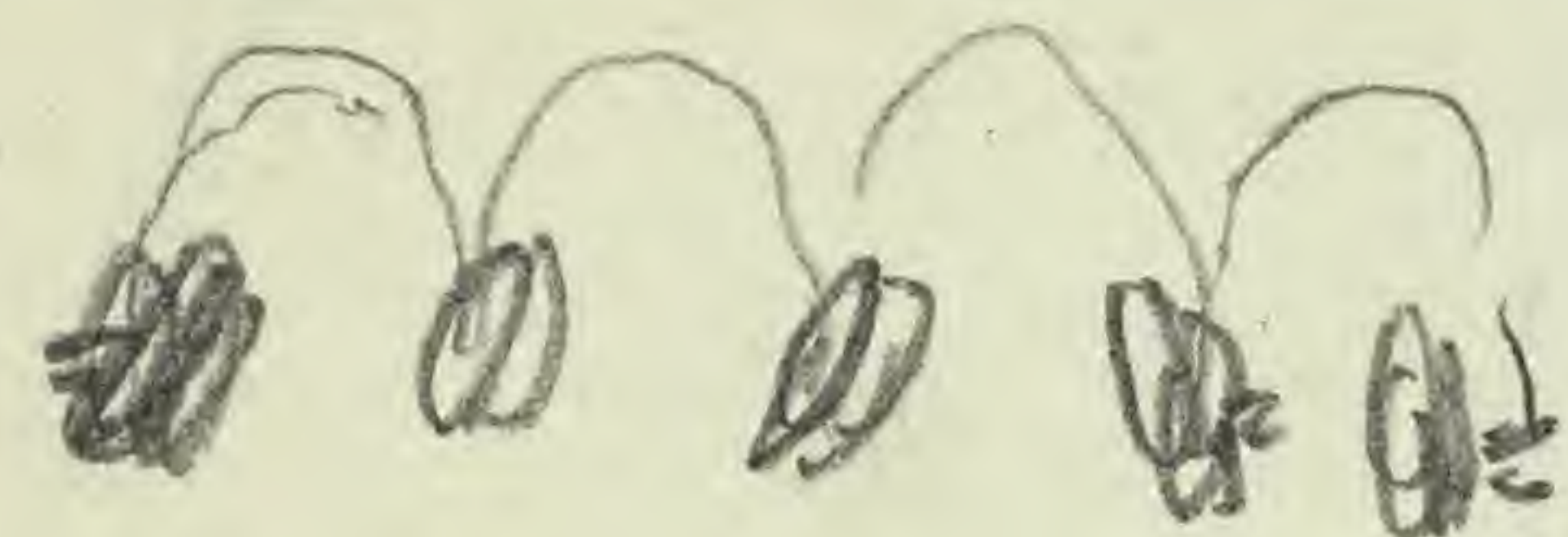
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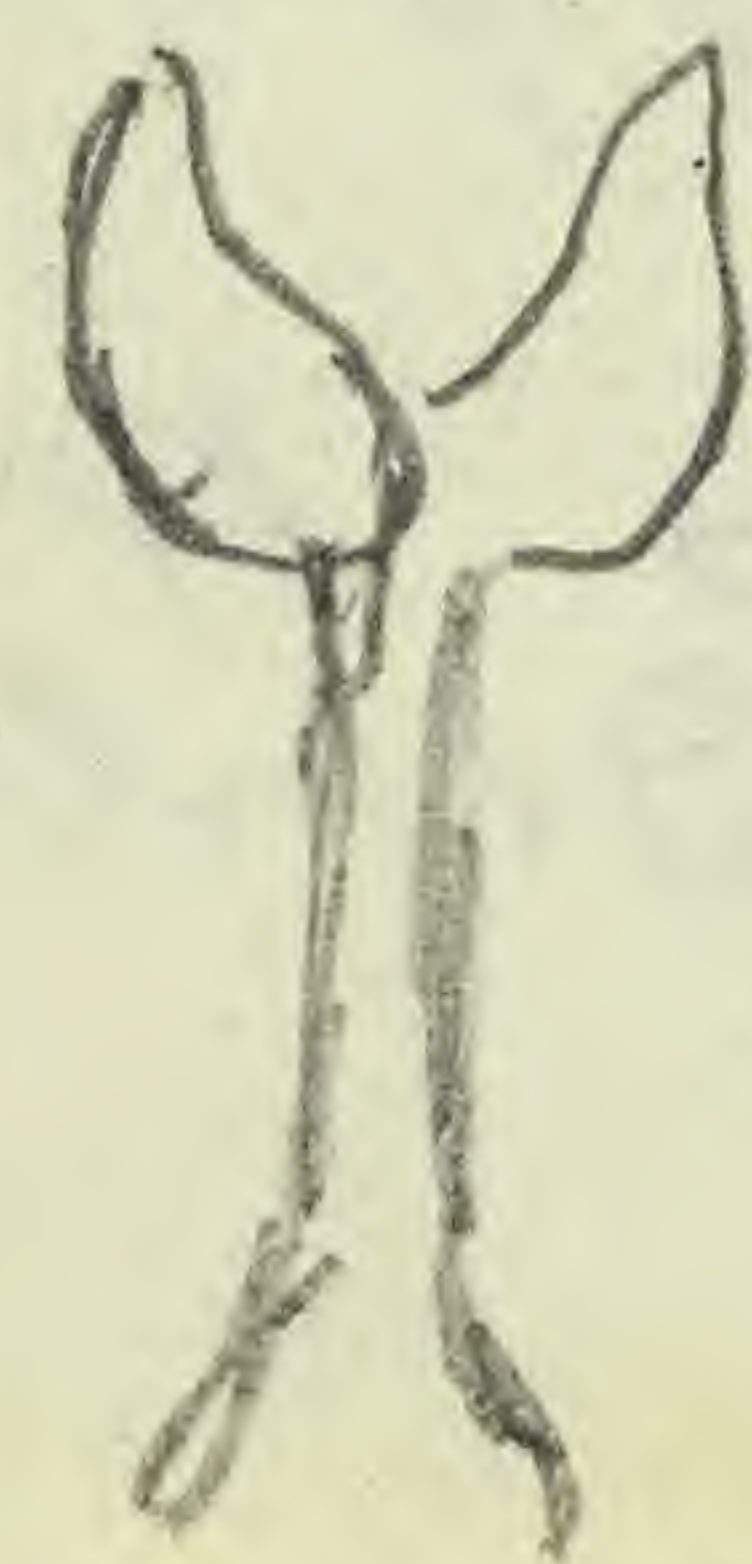


C. colorans



Pekin

H. H. D. Petersh.



flor. paniculat
subseriat

what is the difference
over reflexa?



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4995

colony h

has stigmata more ob
cylindrical



flowers more
pedicellate

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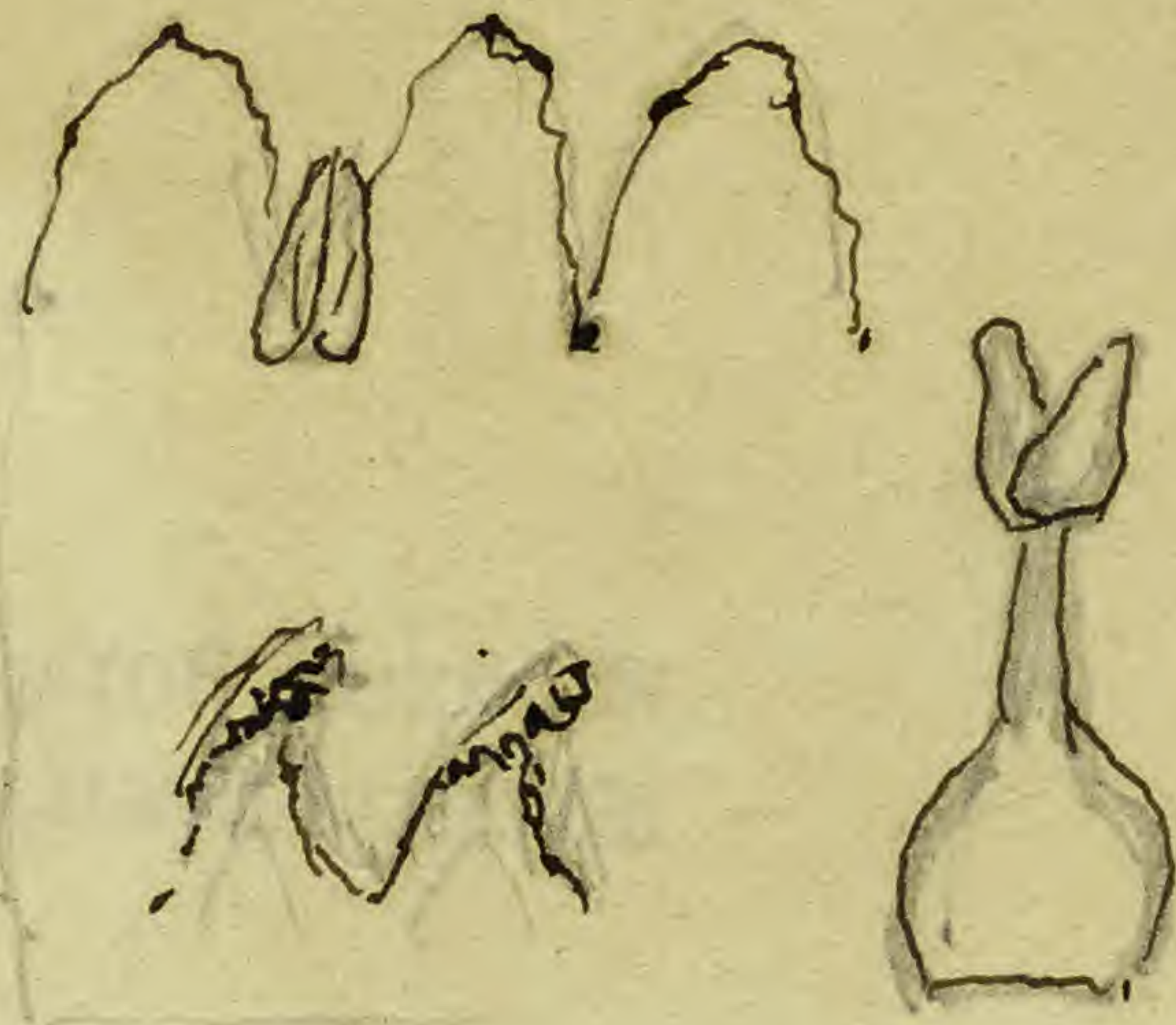
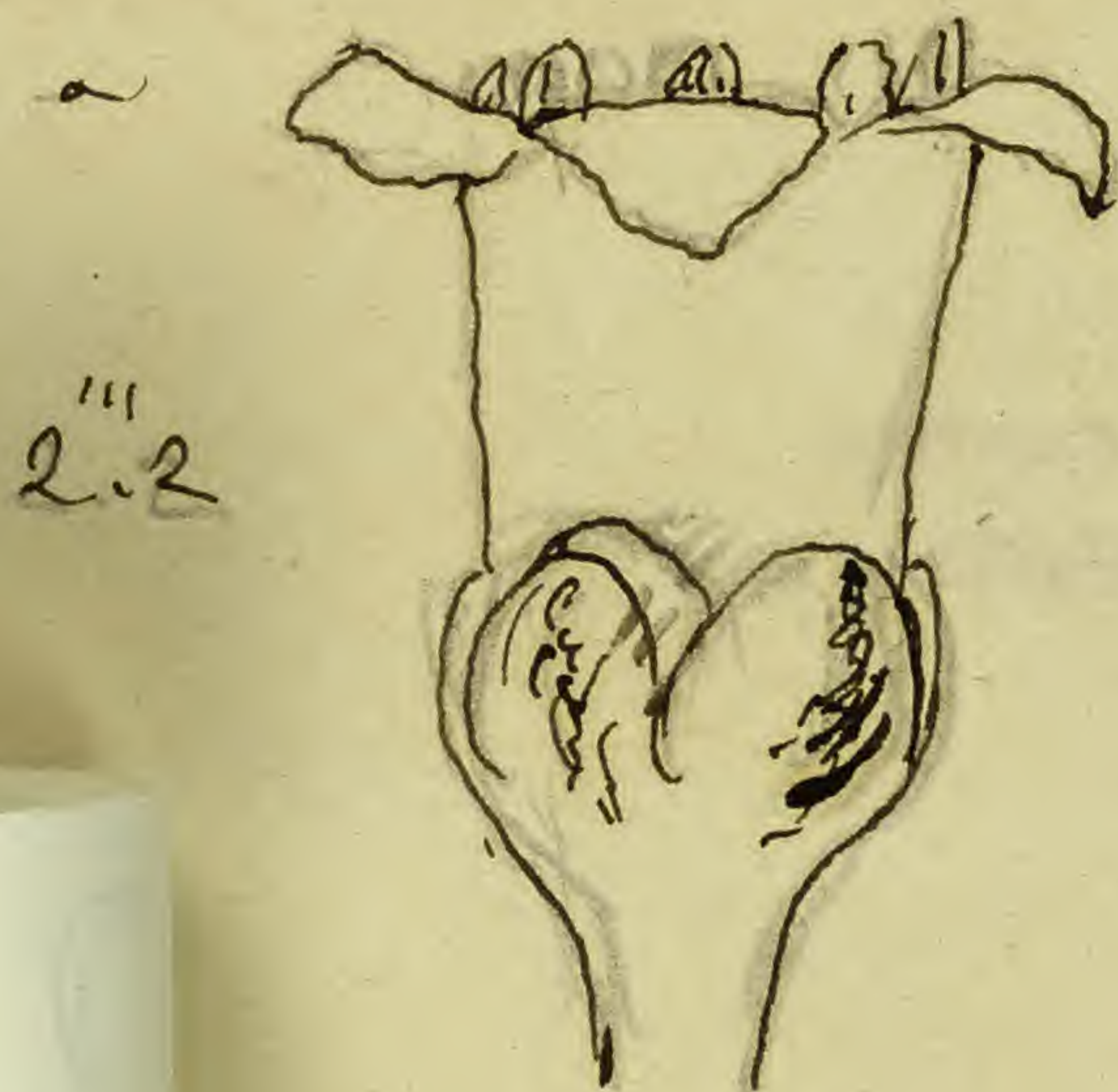
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Oct. 1859

Pekin, Kirilow.

Hb. Fischer
(H. B. Petrop.)



more ob
cylind
more
edgull



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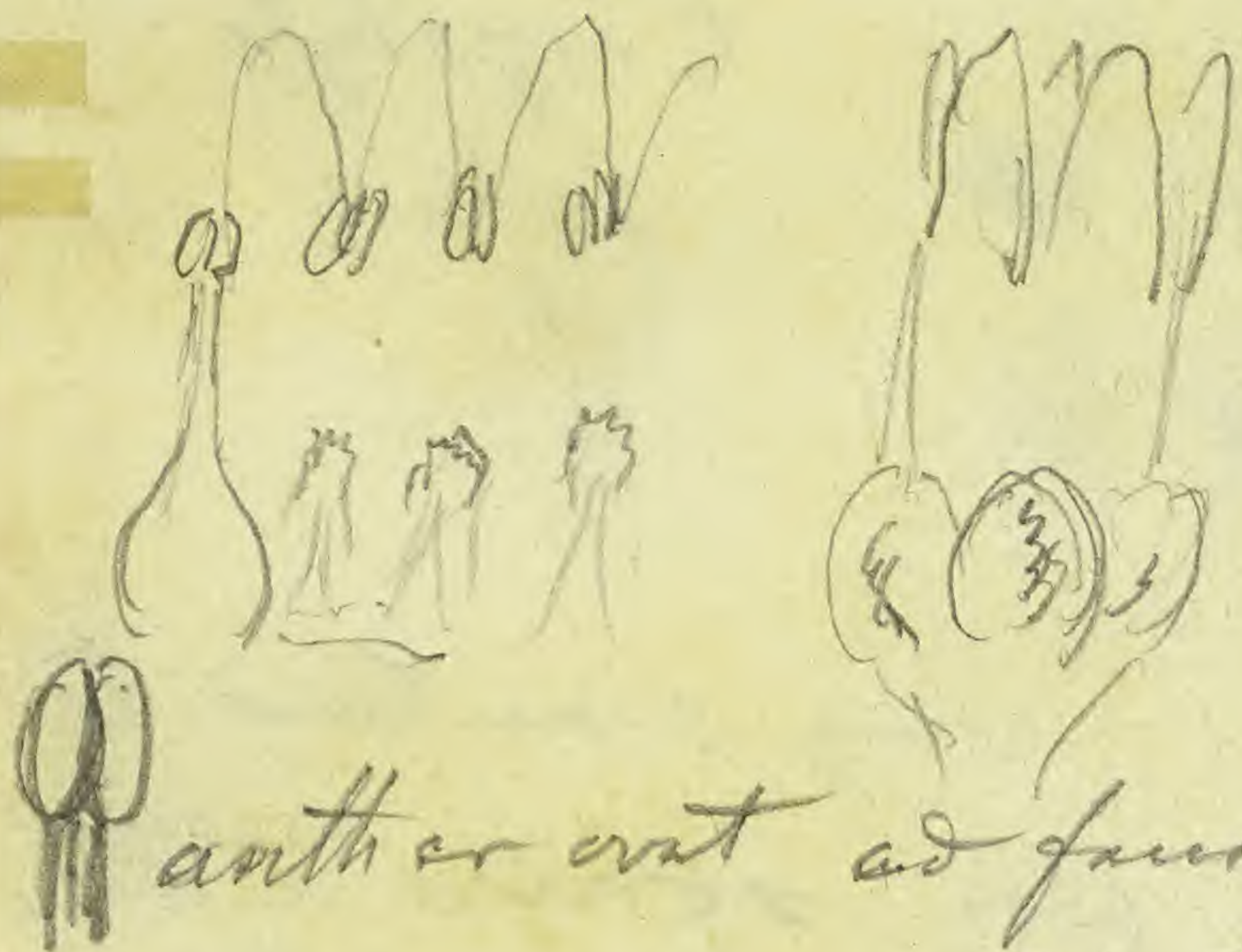
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Ussuri

C. systyle M.

only & cristat

anther ovate ad faucem sessil
 stam. pars. nudis tub. affixis
 styl. subulato ovar. aequ
 stam. superante, over



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verte

Carystyle

4997



Amur

very similar to

the other — only scales a little
larger, corolla more deeply
divided. anthers with very
short filaments, perhaps below the
fimbria.

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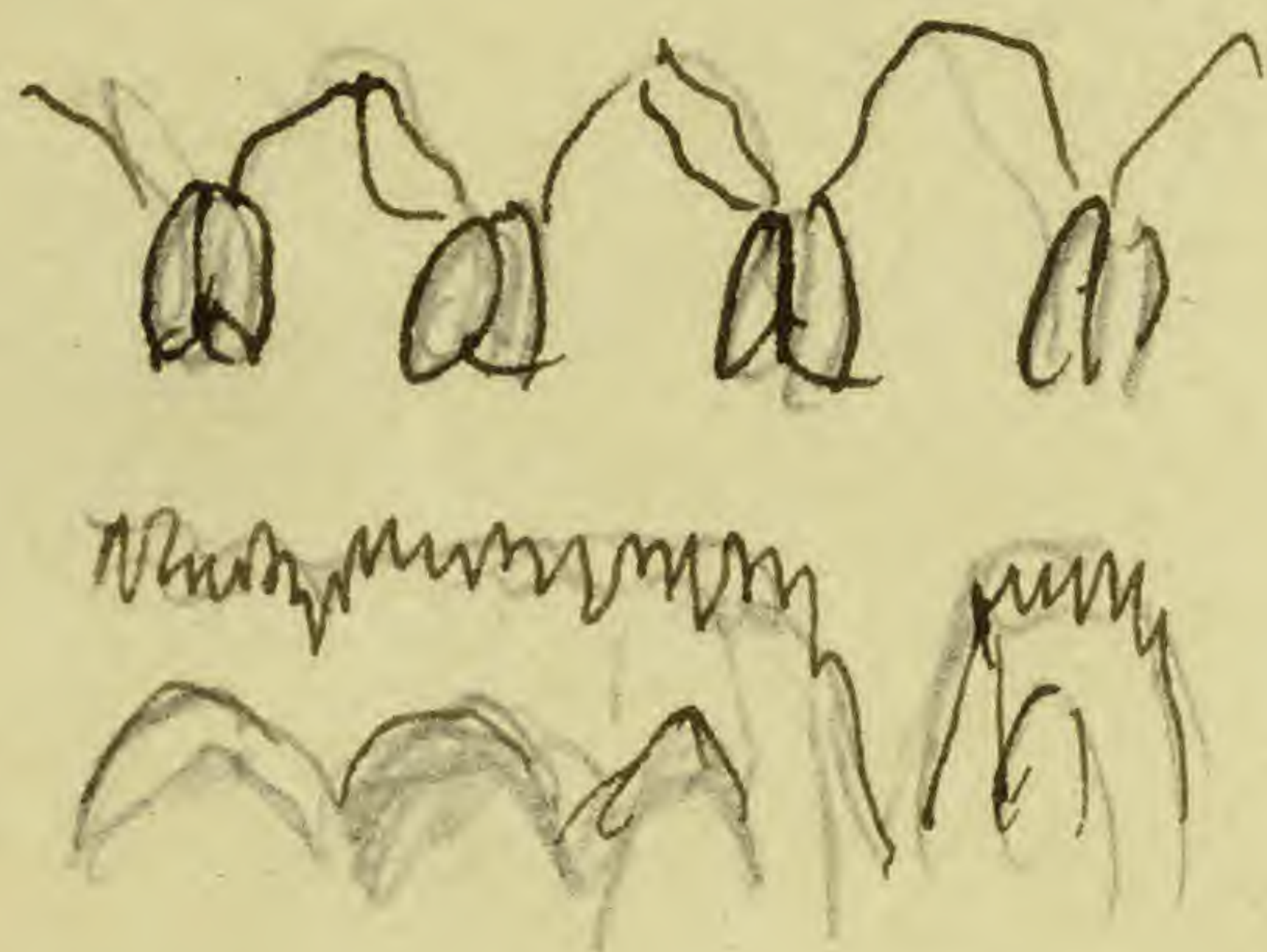
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233



scales of the ovary

Hong Kong Ch' Wright 486

formis type
dispermogynae

anther ovary and female
seeds



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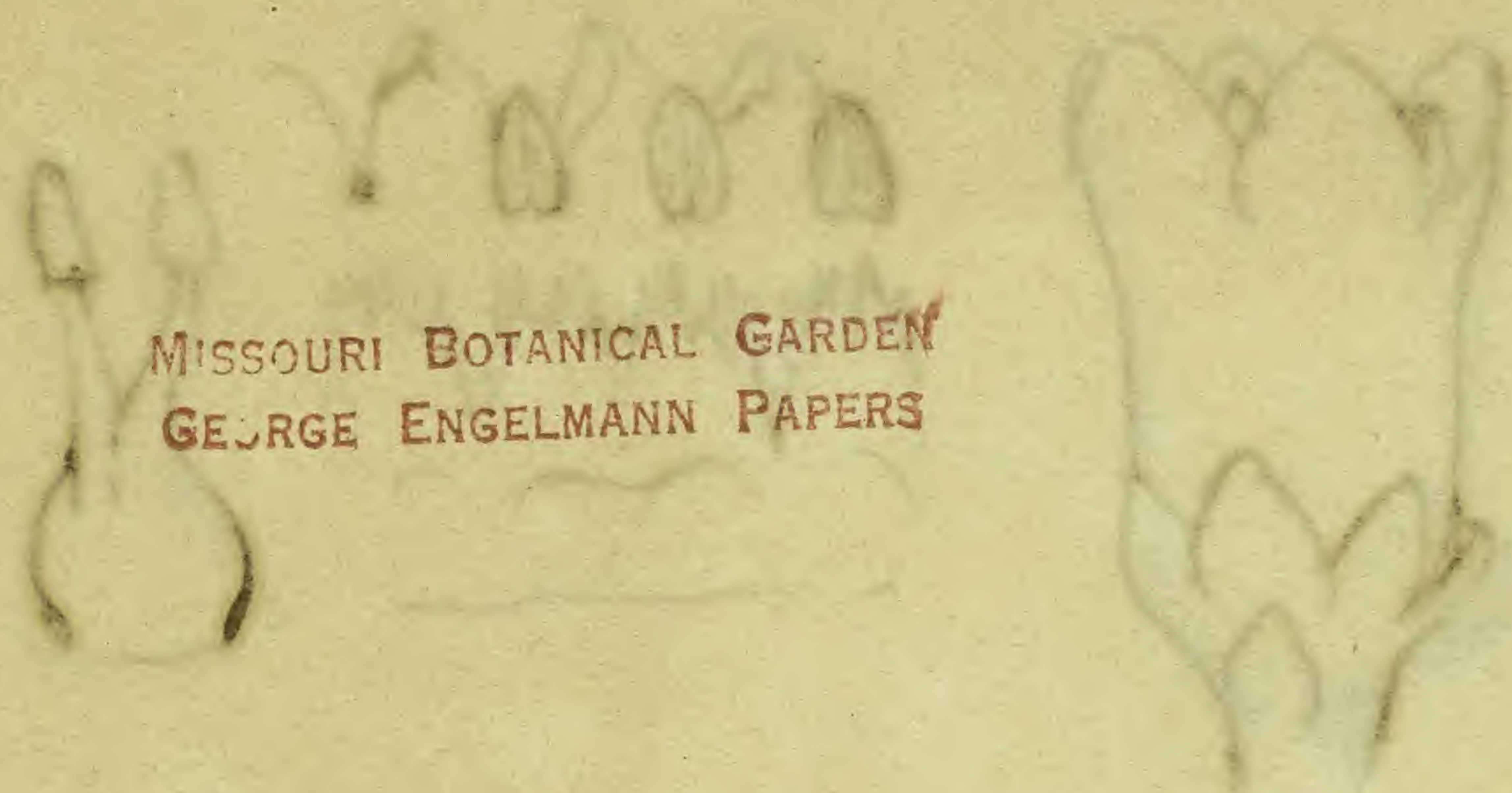
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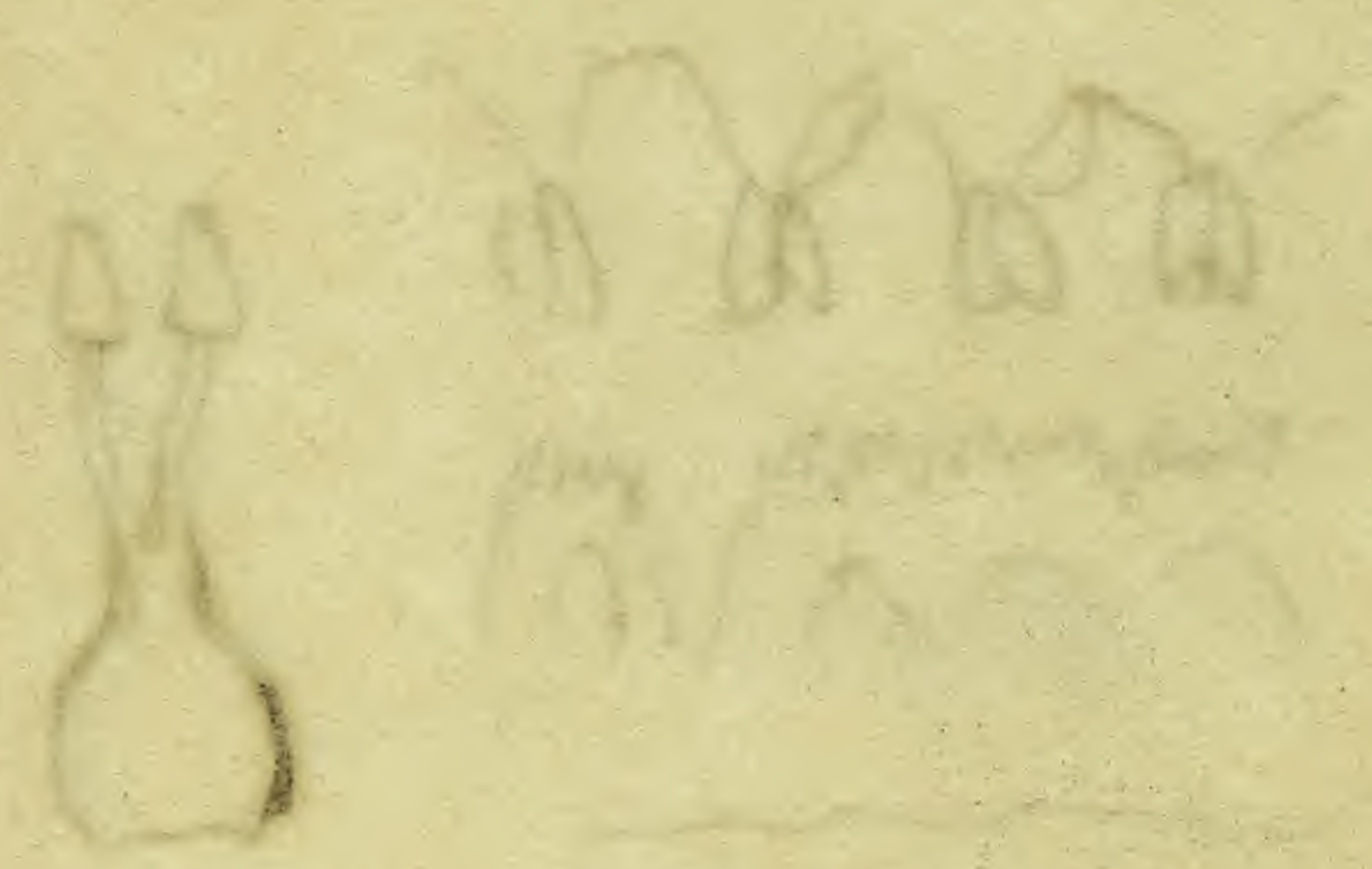
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Handwritten notes, possibly "Lupinus" and "Lupinus"



Handwritten notes, possibly "Lupinus" and "Lupinus"

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(*C. verrucosa* Sweet fl. g. t. 6 (coll 1822)
C. Hookeri Sweet hort. br. p. 290.
C. reflexa var *verrucosa* Hook fl.
 exch. II. t. 150

reflexa Roxb. *Corom. II. No 104* *H. ind.*
 (D.C.P. IX. 454) I. 446
macrantha Don gen. syst. IV. 305
elatior Chory *Curr. 177* D.C.P. IX. 455
grandiflora Willd! Cat. N. 1318. w. HBK
angustata Edgew. Transact. Linn Soc. XX. 86

Chory - H. Zoll. doubts whether
refl. *ang.* & *macranth.*
 are distinct



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(Faint handwritten notes, likely bleed-through from the reverse side of the page)

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anth. tab.

~~Sameram Bengel Jacq. 149~~

M Ceylon Gardner 616

M Himalaya Shuking & Wintabots 1 & 2 (5500')

B ~~Hort. Edulis~~ (regul.!)
Himalaya Hook 146

Anguina Edg. J. Thomson 680

Jacquemont 2183 12000' Himalaya

2520 Sakamper
1109 Pearson

Java Zollinger 2839

Sikkim 4-10,000' Hooker fil

Ceylon 6000' Thomson

Hb. Delantia Willd. 1319.2

Hort. Edulis - verrucosa
Hook fl. exot

Himalaya Lady Delhousie - Purn
Baker (rolls 5") ardens

Chittagong (trop)

Ceylon Java 3 Himalaya

Sikkim 2-7000' Hooker fil. 2839.

Khasia 2-7000' Hooker fil.

reflexa Wall. Cat 1319.2

trop. & temp

Lady Delhousie
Hooker fil
Shuking & W. 1, 2
Jacq. 2183
J. Hopkinson
1109



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5000

C. coniculata n. sp.

Brasil. meridional.

Sellow 3621

- hb. Berl

2489 " "

Goyaz, Brazilia, Weddell 2124

Herb. Mus. Paris

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Anth. foet.

anguina Edgew. & Thompson, 680
Jag. 2520, Scharunpore Himalay

Gandher, 629. Calcutta

reflex, Edgeworth 450

pentandra Heyne

(1319. 2. Willd. 2) P. Chet, Bengel
H. de Silva

Punjab

Himal. Bor or

Calcutta

trop

upper Ganges

Silhet Silva. Will 1319.1 Bengel

Sarman Derp. 149 Bengel

Himalaya (anguina) Edgeworth 450
5-6000'

H. W. Wright prop 2320

Scharunpore Reg. 2520

Thompson

Calcutta Gandher

Punjab Thomson

Concan Stocks, - (trop)

reflex Edgew.



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54 *raremosa* var *brachyflora*

C. suaveolens " Ledebler. Plant. Chil. N. 479.
Valdivia - Hb. Boiss. & Hb. Berl.

C. raremosa var. *minuta* Chois! pro parte
St Paul Brazil, Lindl N. 734
- Hb. & auth. v.
Brazil, Juhl N. 5100 pro parte.
Hb. Madison.

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Japon

systyle

(enclosed 542)



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Dr. Henry.

11

Sergius

三



216

24

18

The image shows the front cover of an old book. The cover is made of a light brown, textured material, possibly paper or cloth, which is heavily aged and discolored. There are numerous dark spots, stains, and areas of discoloration across the surface, indicating significant wear and age. The texture appears rough and uneven. The edges of the cover are slightly frayed and worn. There is no visible text or title on the cover.

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Longin 229

10

M. lupuli-formis

~~*M. villosa* Desv.~~

C. lupuli-formis 1787

C. monogyn auct.!

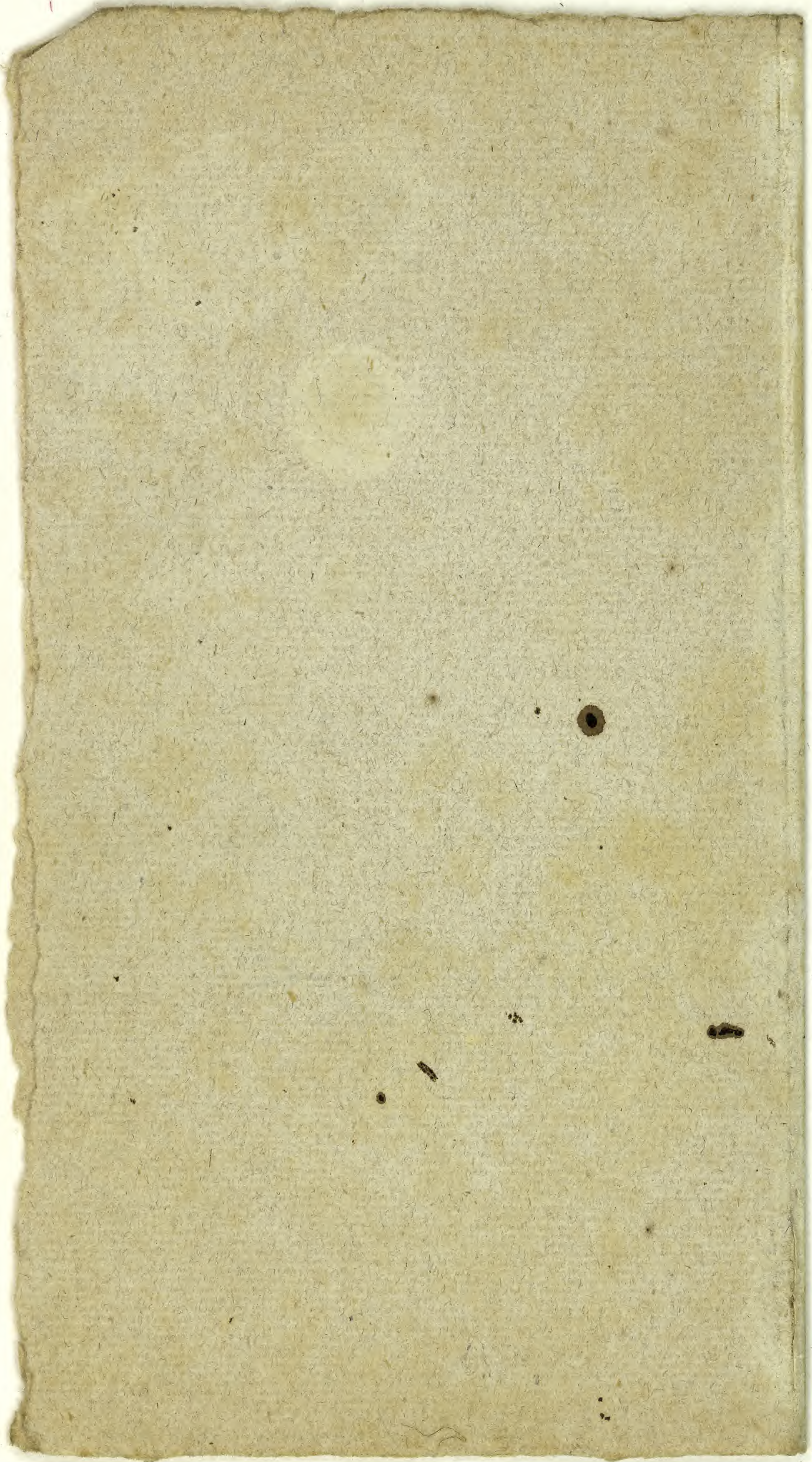
non Vahl ?

Tubo cor. exserto

lacini ovatis acutiusculis

antheris linearibus
style ovato apice
stigma bilobis
capitis





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Japanica
var fissistyle

(*Enceloma* 546)



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C. arbuta ^{occidentalis} ~~americana~~

g. h.

Bo. 181. 182. 183. 183. 6

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5003

C. Japonica

Choisy !

C. reflexa

var densiflora

Deuth !

—hb.

China Japon

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C. Japonica

Chin.

~~C. japonica~~ (Kallianthe)

China & Japan

~~longifolia~~

~~recta~~ "sp.

var.	A.	macrostigma
	B.	brachystigma
var.	A.	longifolia
	B.	densifolia



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